

ABSTRACT OF THE INVENTION

An intraluminal catheter system comprises a first tubular member having a proximal end and a distal end and has a fluid containing lumen therethrough. A medical device is coupled to the first tubular member proximate the distal end. A slave actuating member is coupled to the medical device and is slidably mounted proximate the distal end for longitudinal movement with respect to the first tubular member. A master actuating member is configured for longitudinal movement within the first tubular member proximate the proximal end. The master actuating member is hydraulically coupled to the slave actuating member.